

**PIKES PEAK
RADIO AMATEUR
ASSOCIATION
(PPRAA)**

Activities/Meetings

- Ham Breakfast
Daniel's Taco
- PPRAA Board Mtg
Mon. 7 April 6:30 pm
Daniel's Taco
- PPRAA Membership Mtg
Wed. 9 April 7:00 pm
IHOP 5749 Stetson Hills
Bvd
- 10 Meter Net
Every Thursday 7:00 pm
28.290 MHz—USB

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Ø-BEAT

Volume 64 Issue 4

April 2014

2014 ARRL Rocky Mountain Division Convention

Greetings --

This note is to announce that the 2014 ARRL Rocky Mountain Division Convention scheduled to be held in Laramie, Wyoming this July has been **CANCELLED** due to extenuating circumstances. We thank those involved with its planning for the time and effort put forward on behalf of hams across the Division.

We are grateful that the Albuquerque Duke City Hamfest has stepped forward to serve as alternate host of the 2014 ARRL Rocky Mountain Division Convention. It will now take place August 8-10 in sunny Albuquerque, New Mexico. Led by individuals who organized the 2011 Division Convention in Taos, the annual Duke City Hamfest is a standing three day amateur radio convention that occurs in

one of Albuquerque's largest hotels, so it will ably fit the bill as a Division Convention members have become accustomed to.

More details about the 2014 ARRL Rocky Mountain Division Convention in Albuquerque will be provided soon. Please mark your calendars!

73,

Brian Milesosky N5ZGT
Director, ARRL Rocky Mountain Division

Dwayne Allen WY7FD
Vice-Director, ARRL Rocky Mountain Division



Hotel Albuquerque at Old Town

Stock photo

WØRAA—2012 Sweepstake Plaque

Yup, it happened on his wife's birthday. They were headed out the door on March 6th when Dick, WØRAA, noticed a package between the door and storm door.

"What did you order now?", with Dick replying "Well, nothing ". Upon opening the package, they were surprised by a beautiful plaque which read:

ARRL NOVEMBER
SWEEPSTAKES
WØRAA
2012
Rocky Mountain Division
Winner
Single Operator Unlimited Low
Power Phone
Sponsor: ICOM

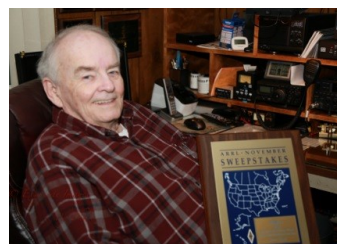


Photo by: Philip Thompson

"Since I am not a Phone Contester I had completely forgotten I entered this one."



PPRAA Officers and Board of Directors

PPRAA Board of Directors consists of four elected officers, seven board members, as well the past president (time limit dependent). The Ø-Beat editor is a board appointed position and is also a member of the board.

Officers include:

- ⇒ President
- ⇒ Vice-President
- ⇒ Secretary
- ⇒ Treasurer

To send board member's email, browse to the officers section of our website: <http://ppraa.org/about-ppraa/officers>

President	Michael Derbort	KCØELG
Vice-President	Jim Bishop	KDØKQL
Secretary	John Wishart	NGØI
Treasurer	Pam Scott	WØPRS
Board Member	Doug Nielsen	N7LEM
Board Member	Tom Brereton	WØTOM
Board Member	Jim Rader	KDØNQ
Board Member	Diana Nordstrom	KCØNPP
Board Member	Jim Harris	WØEM
Board Member	Virgil Vost	NØXRS
Board Member	Chris Schroeder	KDØUQI
Ø-Beat Editor	Dan Scott	WØRO

“Links to both Facebook and Google+ social media sites can be found on PPRAA.org”

Online Resources

PPRAA Website

<http://ppraa.org>

The PPRAA website is the cornerstone for club related information, events, and technical information.

In addition you can register, pay dues, and submit donations. Donations to the PPRAA college scholarship fund are managed by FAR Scholarship Committee

Facebook / Google+

Follow activities as they unfold, or get reminders of upcoming events.

Links to both Facebook and Google+ social media sites can be found on PPRAA.org.

Or from each social media site search on: Pikes Peak Radio Amateur Association

PPRAA Forums

The PPRAA forums are intended to allow users to exchange of ideas, ask and answer amateur radio related questions, and plan/discuss upcoming events.

This is a fantastic, but underutilized, tool.

Check it out and register at: PPRAA.Forumotion.net



Monthly Activities

Membership Meeting

Held the 2nd Wednesday of the month starting at 7:00.

IHOP
5749 Stetson Hills Blvd
(just west of Powers Blvd)

Next meeting is
April 9th 7 pm

NOTE: Many show up at 6 pm for kibitzing and grub.

Board Meeting

Daniel's Taco Shop

6:30pm—8:00pm

6817 Space Village Ave
(Just outside the north gate of Peterson AFB)
Board Meetings are open to all members.

Ham Breakfast

Location changes monthly
5 April 8:00AM-9:30AM

Daniel's Taco Shop
6817 Space Village Ave

10 Meter Net

Every Thursday at 7pm
Starts on 28.390 USB.
May move to other bands within the technician class allocations

Meeting Presentation Topics

Last Meeting

The March meeting presentation topic was "Hidden Transmitters, Antennas, and Attenuators" by Neil Larson, KØMAX.



April 9th

The meeting topic for April is Jamboree On The Air or JOTA. Gordon, WØRGD and Dan, WØRO held a class at the University of Scouting in March creating interest in JOTA. Find out about JOTA, at our April meeting.



May 14th

Storm season is just around the corner, so now is the time to start thinking about that new piece of tech that you need to make this observation a success. Join Christopher Schroeder (Former USSC Leader) as he unveils the newest project available to you! On May 14th come and hear what you can do with the new and improved STING Project (Stationary Interactive Gear). This Presentation will have a demonstration of how this system will work. So don't delay come and hear what we have to say!



**Transmitter Hunt
homemade attenuator**

Neil Larson, KØMAX

Photo: WØRO

PPRAA Club Station

As the weather starts to cooperate we will be making a concentrated effort to get the club station completed. What needs to be done:

- ◇ Antennas
- ◇ Critter proof the floor
- ◇ Electrical
- ◇ Coax exit panel
- ◇ Solar panel

- ◇ Roof fan
- ◇ Weather proof
- ◇ Carpet

First priorities:

1. Coax exit panel. The area for the panel is currently open.
2. Fix door locks
3. Fill under carriage openings with steel wool to keep critters out.

4. Get levelers down until more permanent jacks are put into place.
5. Seal small holes cause by our "clean up".

These 5 items will allow us to easily operate from the location on a temporary bases.

To be added to the work notification list, write:

trailer@ppraa.org



Ø-Beat

Please submit content to the Ø-Beat. Whatever you are doing amateur radio related. This section is for the quick article works well with 75 to about 150 words.

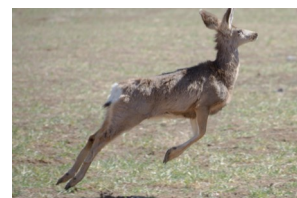
Send a picture with the article. That mobile install, your station, nice new antenna. Remember, a picture is worth a thousand word. So if you write a 75 word article and send picture, it really turns out to be a 1,075 word article!

Maybe a quick review of a new rig, the initial setup and contact.

I am trying to change the front page banner with a different picture that includes Pikes Peak. So, if you have some pictures please send them along. I cannot promise which one I will choose, but it would be great to have a good supply!

Some ideas include:

- ⇒ Foxhunt
- ⇒ Homemade Key
- ⇒ New Microphone
- ⇒ ARES event or training
- ⇒ Antenna assembly
- ⇒ Grounding
- ⇒ Ham radio road trip
- ⇒ Interesting DX



**Leap into action and send a short article to:
zerobeat@ppraa.org**



March General Meeting Minutes

President Michael Derbort called the PPRAA general meeting to order at 7:00 PM at IHOP Restaurant at 5749 Stetson Hills Blvd., Colorado Springs, CO.

Silent Keys – None.

Minutes were approved as published. Correction (board meeting minutes): Jim Harris said he was named twice in the attendees listed in the Feb board mtg minutes.

2014 Goals and Objectives

New leadership

Financials - Add 20 new paying members, make \$2,500 on Megafest

Club station - at least one station permanently online, trailer completed

Special Events

- 75 years of service by our club
- Scouting event

Committee Reports

Treasurer's Report - Pam stated we had \$9,034 in our bank accounts as of 28 Feb 2014.

Asset Committee - Virgil - nothing new to report.

Club Station update - Dan will set up a workday via email. You can get on the station work email list by sending a request to trailer@ppraa.org.

Electronic Media - Doug - nothing new to report.

Technical Education - Mike WV7T is still tutoring for Tech class licenses.

Zero Beat - Deadline for article submissions is March 22. He is always in need of articles, short or longer ones.

ARES Update - Jim Bishop reported on local ARES events and upcoming activities that need volunteers. ARES website is www.ppara.org. Skywarn training sessions will be held on April 5, 7, and 28.

Scholarship Fund

Please donate to our fund for the 2014 school year. \$377.69 has been donated so far this year. Donations can be made via PayPal on the PPRAA website (ppraa.org).

NOTE: Jim Bishop will match your donation up to \$300 until July 4.

El Paso County Radio Club Consolidated Membership
Still formulating a proposal for this item.

Megafest 2014

Saturday, July 26th at Lewis Palmer High School, Monument, CO. Please consider joining the planning committee. Raffle tickets may be purchased now. If you will be attending other club meetings or activities, please pick up and hand out some flyers to attendees.

Field Day

Will be having it at our club station in Ellicott, unless a

better alternative turns up.
Date is June 28-29.

Volunteer Examiner (VE) Report

VE session is on the even months, on the 2nd Saturday. Members are encouraged to get qualified to be a Volunteer Examiner. It's an open book exam, with the Volunteer Examiner Manual available as a PDF for study and reference on the arrrl.org website.

Program

Neil Larson, KOMAX gave a presentation on radio direction finding/hidden transmitter hunting, and its history & uses in warfare. He spoke about antennas, attenuators, and foxes (transmitters).

Upcoming Events / Notices

Ham Breakfast - Daniel's Taco Shop, Sat, April 5, 8-9:30AM.

Thursday Night Net: On the air every Thursday, 7PM, at 28.390 MHz (USB, 10 meter band, vertically polarized). This will be the #274th net.

Next Meeting: 7:00PM, 9 April 2014, IHOP Restaurant, Stetson Hills Blvd. & Powers.

Next Board Meeting: 7:00PM, 7 April 2014, Daniel's Taco Shop.

Respectfully Submitted,

John Wishart NG0I

Secretary

22 March 2014

March Board Meeting Minutes

PPRAA Board Meeting

10 March 2014

Present: Michael Derbort, Pam & Dan Scott, Virgil Yost, Jim Bishop, Diana Nordstrom, Jim Rader, Jim Harris, Tom Brereton, Chris Schroeder, Doug Nielsen, John Wishart

President Michael Derbort called the PPRAA board meeting to order at 6:37 PM at Daniel's Taco Shop Restaurant.

February board meeting minutes were not yet approved, due to not being published yet.

2014 Goals & Objectives - no change

1. New Leadership

2. Financials

- Members - 20 more paying members is our goal (150 total)
- Megafest - \$2500 profit is our goal.

3. Club Station - goal: at least one operating position and the building completed.

4. Special Events

- Special events station for the 100th anniversary of ARRL around May 20 or so operating as WIAW/0.

- 75 yrs of service

- Scouting event

Committee Reports

Treasurer's Report - Pam stated we have a bank balance of \$9,034 as of 28 Feb 2014

Building Committee

Station Building - Virgil contacted an individual regarding getting the trailer set up on a permanent basis. He also discussed options for the solar panel installation. We need a prioritized action list to start work. Dan will generate this.

Land Use Agreement - no activity on this yet.

Megafest week and a week in May - WIAW/0 Special Event Station operation is planned for this period.

Megafest 2014 - Pam noted that we have been selling raffle tickets at area hamfests. It was suggested that we create a flyer including info on our Megafest, COQP, and the WIAW/0 event to distribute at area ham radio meetings.

Electronic Media - we will start copying the minutes to Doug (and Zero Beat) for inclusion on our website.

Asset Committee - Virgil said that several members have club assets at their homes which can be stored out at the club station when we get it usable for that purpose.

Scholarship Fund

Pam reported that we have \$377.69 donated for this year as of today.

Zero Beat

Dan noted that he still needs short articles of interest to members. Please submit articles and pictures to Dan at zerobeat@ppraa.org.

ARES

Jim Bishop reported on several local events that need ARES volunteer support. See local ARES website for info or to

volunteer: www.pparaes.org

Technical Education

Mike Anderson WV7T is still conducting tutoring for Tech class license exam.

Unfinished Business

El Paso County Radio Club Membership - still at the proposal stage. A discount pricing structure was discussed.

Ham Breakfast - April 5, Daniels Taco Shop

Next Board Meeting: Monday, 7 April 2014, at Daniel's Taco Shop.

Around The Table

Doug - need to firm up Field Day activities and our annual picnic. Fox Run Park was suggested for the picnic. Need to pick a date & site for the picnic.

Virgil - Scouts are free to get into Megafest if in uniform. \$4 if not in uniform.

Jim - Wondered if they have prizes for our meeting on Wed. (Yes) His DIY PA system is available and we will try it out at the meeting.

Jim Bishop - he needs to have the projection screen at the meeting Wed. Program: Neil W0MAX, finding hidden transmitters and radar.

Meeting was adjourned at 8:04PM.

Respectfully Submitted,

John Wishart NG0I

Secretary

22 March 2014



Calling all potential instructors



PPRAA is looking for people to help with a General Class licensing course.

The text will be from HamRadioSchool.com General Licensing Course.

Dan, WØRO, is looking for a location on April 6th to start organizing the class.

The course author, Stu Turner has volunteered helping and teaching a couple of the sections.

Why this book?

"Unlike most other intermediate ham radio books, this one does not pad its pages with the public domain questions from the exam question pool and try to 'teach the test' by requiring you to memorize answers without understanding them."

"This book really teaches radio and when you 'get it' you don't have to rely on mine numbing memorization."

Don't just memorize!

Really get it!



**"PPRAA group
to work at least
one day for
Habitat for
Humanity..."**



Old Goat
Some are, some aren't

Habitat for Humanity

We are looking for club members to volunteer as a PPRAA group to work at least one day for Habitat for Humanity. As a "Regular", I work on Wednesdays from 8:30 until around 5:00 building houses. The Habitat calendar is wide open for June groups. If we can get a few, 5 to 10, of us together soon I think I can get us on the calendar for June or we can shoot for a later date.

The work is hard, but fulfilling. We do everything from laying the footings for the basements to the roofing and almost everything in between. Habitat furnishes all

the tools, gloves, hard hats and tool belts. Safety is paramount! Experienced crew members are on site to train and guide new members. More can be learned at the Habitat website:

www.pikespeakhabitat.org
There are three house construction sites currently being worked. One is in Fountain, the second is near the old St. Francis Hospital just off Pikes Peak and Institute and the third is just off Woodmen and Tutt, just East of Powers.

We can't start to work up a schedule until we get some names of club members who

would like to participate. Regular work days are Wednesday through Saturday. Different days for each site.

For those who feel they are able to attend a work day, you'll never regret doing it. It's a great feeling to be doing such a valuable job for such deserving people. Please contact the board to let us know if you'd like to be in on this group project.

By: Jim Bishop

PPRAA Picnic—date set

PPRAA annual picnic

Saturday, August 16th

Memorial Park Pavilion B

1605 E. Pikes Peak Ave

More details to follow

Pam Scott, W0PRS

PPRAA Treasurer

**The pavilion is reserved from
5:00 AM - 9:00 PM**

This is the same location as the 2013 Club Picnic



Dayton Hamvention May 16-18

DAYTON

HAMVENTION®

"Makers... The Future of Ham Radio"

May 16-18 2014

I am the chairman for the EXAMS Committee. We are expecting to have 400 elements taken in two days.

To make this work I need around 70 VE's. If you work 6 hours or more, you get a free ticket for the show, volunteer

credentials, hat and a parking pass.

If you want to assist on Friday or Saturday please contact me at:

exams@hamvention.org

or

n0eop@arrl.net

Hope to see a lot of you at the show!
We are looking at having 25,000+ attendees this year.

(Ed) Dave is a long time and current PPRAA member. He

now lives in Ohio and is active with the Dayton Hamvention.

Additional information about the Dayton Hamvention can be found at:
<http://www.hamvention.org/>
I have never been to the Dayton Hamvention, but it has always sounded like a great time!

Thanks,
Dave, NØEOP



Pueblo County—Sky Warn training

FYI/SA - follows is early information for 2014 Weather Spotter Training.

If these dates, times and locations don't work for you, go to the website listed below and you will see several other training opportunities around the southern part of the state. Tom has just begun getting dates set, so you can check back later too.

Help Pueblo County stay Storm Ready.

Join us at Skywarn Weather Spotter Training. Learn how to spot and report severe weather situations with this National Weather Service Training.

WHAT: A 90-minute training focusing on weather spotting techniques and methods

WHEN: April 14th and April 16, 2014 at 6:30 p.m.

Need only attend one session

WHERE: April 14th at the

Emergency Services Center, 101 West 10th Street, Pueblo, CO

April 16th at Pueblo West Fire Station #3, 729 East Gold Drive (corner of Gold and McCulloch), Pueblo West, CO

R.S.V.P.: Thomas Magnuson, National Weather Service -- thomas.magnuson@noaa.gov

For more information about Weather Spotters visit:

<http://www.crh.noaa.gov/pub/?n=/wcm/talks.php>



Colorado Springs ARES - Sky Warn training



In Colorado Springs, there is an ARES Sky Warn training sessions.

Date: April 5th

Time: 8:00 AM

Location:

CSPD Falcon Substation

7850 Goddard Street

For more information contact:

thomas.magnuson@noaa.gov

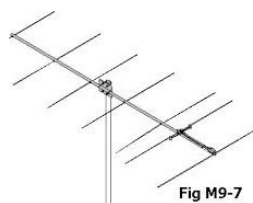
Contest corner

April contest corner is focusing on QSO parties. Road trip to New Mexico anyone?

- 4/5 Texas St. Parks on the air
- Missouri QSO Party
- Mississippi QSO Party
- 4/12 New Mexico QSO Party**
- Georgia QSO Party
- 4/19 Michigan QSO Party
- 4/26 10-10 Int. Spring—Digital
- Florida QSO Party

There are many more contests, see:
<http://www.hornucopia.com/contestcal/>





2 Meter Beam

**“...FM signal
can disappear
completely into
the noise while
a comparable
SSB signal...”**

Getting Started on 2-Meter SSB—by: Bob Witte, K0NR

Try the “Other Mode” on 2 Meters”

Repost from Bob Witte, K0NR
4 May 2003

In the past few years, a new breed of amateur radio transceiver has hit the marketplace --- radios that cover from HF through VHF/UHF frequencies. These radios include the ICOM IC-706, the ICOM IC-746, the Yaesu FT-100 and the Yaesu FT-847. This is not an exhaustive list since there are new radios being introduced every year with additional capability.

These radios include “all-mode capability” which means that they can operate FM, CW and SSB on the VHF bands. Clearly, FM is the most commonly used mode on VHF and UHF but having SSB opens up a whole new range of operating fun.

Why SSB?

FM is the most popular mode primarily due to the wide availability of FM repeaters.

These repeaters extend the operating range on VHF and enable low power handheld transceivers to communicate over 100 miles. FM is also used on simplex to make contacts directly without repeaters. The main disadvantage of FM is relatively poor performance when signals are weak, which is where SSB really shines. A weak FM signal can disappear completely into the noise while a comparable SSB signal is still quite readable. How big of a difference does this really make? Perhaps 10 dB or more, which corresponds to one or two S-units. Put a different way, using SSB instead of FM can be equivalent to having a beam antenna with 10 dB of gain, just by changing modulation types. So this is a big deal and radio amateurs interested in serious VHF work have naturally chosen SSB as the preferred voice mode. (You will also hear them using Morse code or CW transmissions, which is even more efficient than SSB.)

Just as an example of what is possible on SSB, during one

VHF contest I was operating portable on Garden of the Gods Road in Colorado Springs. I had just dismantled my 2M yagi antenna and was listening to 2M SSB on a short mobile whip antenna. Suddenly, I heard WA7KYM in Cheyenne, Wyoming calling CQ from about 160 miles away. I figured that with my puny little antenna and only 10 watts of power, there was no way he was going to hear me. But, what they heck, it was a contest and it would be more points so I gave him a call. To my surprise, WA7KYM heard me and we made the contact without much signal strength to spare. Now, to be accurate, this contact has more to do with WA7KYM's “big gun” station (linear amplifier, low noise preamp and large antenna array) than it had to do with my 10 watts and a small whip. The key point here is that this contact would not have happened using FM and was only possible because of SSB.

See Part2: May Ø-Beat

FCC to reinstate code test

FCC TO REINSTATE MORSE CODE TEST “It was a big mistake eliminating the Morse Code test” admits FCC officials.

By Dan Romanchik, KB6NU

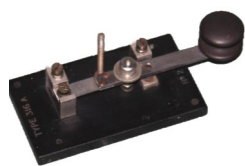
Washington, D.C. — April 1, 2014 - Today, the Federal Communications Commission (FCC) approved Report and Order 14-987af which reinstates the Morse Code test for General Class and Amateur Extra Class licensees. “It was a big mistake eliminating the Morse Code test,” admits

Dotty Dasher, the FCC's director of examinations. “We now realize that being able to send and receive Morse Code is an essential skill for radio amateurs. As they say, it really does get through when other modes cannot.”

Not only will new applicants have to take the test, but General Class licensees who have never passed a code test will have one year to pass a 5-wpm code test. Similarly, Amateur Extra class licensees that never passed a code test will have one year to pass a 13-

wpm test. Those amateurs that fail to pass the test will face revocation of their operating privileges. Materials for administering the examinations will be distributed to Volunteer Examiner Coordinators by the end of April, so they can begin the testing on May 1, 2014.

“This isn't going to be one of those silly multiple-choice type tests,” noted Dasher. “We're going to be sending five-character random code groups, just like we did in the old days. And, applicants will have to



Getting an HF Antenna to work with an analyzer



The last article was on using a Noise Bridge where the antenna was not in a real convenient location.

Is there a way to measure the value of the antenna and coax together from the convenience of the radio room?

Yes, there is a variety of analyzers that will do this. These units are usually a little more expensive. However they do start at about \$200.00.

If the analyzer claims it does a Smith Chart calculation, then it can be used to measure the

antenna from the radio end with the feedline attached.

Before you invest in an analyzer, it would be best to acquire the instructions to see how user friendly it is. This would be in respect to your knowledge of antenna design.

One analyzer uses the 1/4 wave frequency of your feedline. By disconnecting the antenna so the feedline is open, you can use the impedance (Z) measurement to determine this frequency. This measurement can be done with most analyzers.

Start at the lowest frequency of your analyzer. The first frequency you come to where the Z dips to a minimum is the 1/4 wave frequency of the length of coax you have. You might want to mark this on your feedline.

One analyzer allows you to

enter that frequency into the unit. It will then give you the values of the antenna much like the noise bridge did at the antenna, but you are doing so from your easy chair at the radio. Please note, this frequency is dependent on the length of your coax. It will not necessarily be in the band you are operating on, but this is OK.

It will give you a reactance value (X) of the antenna only. Now you can scan the frequency until X is at 0. This is the resonant point of the antenna. Now you can check the Resistance of the antenna (R). This value will tell you how close to 50 ohms the antenna is.

Antenna values need to be measured with the feedline in place. Thereby knowing the X and R of the antenna eliminates the guessing of Tuning the antenna.

Please note, that there are

several analyzers that do Reactance (X), impedance (Z) and Resistance (R) measurements. However they do not do a Smith Chart calculation. On these units it is up to you to learn how to use a Smith Chart and convert the values. Regretfully for many, the only measurement that can be read directly at the radio side of the coax is SWR.

Choose your analyzer carefully. Once you have selected the right one for you, the unknowns of your antenna will be known.

73,

Ralph WD0EJA

MARCH 2014

FCC to reinstate code test—Continued from Page 8

prove that they can send, too, using a poorly adjusted straight key."

Technician Class licensees will not be required to take a Morse Code test, nor will a test be required for new applicants. "We discussed it," said Dasher, "but decided that since most Techs can't even figure out how to program their HTs, requiring them to learn Morse Code seemed like cruel and unusual punishment."

When asked what other

actions we might see from the FCC, Dasher hinted that in the future applicants taking the written exam may be required to draw circuit diagrams, such as Colpitts oscillators and diode ring mixers, once again. "We're beginning to think that if an applicant passes an amateur radio license exam it should mean that he or she actually knows something," she said.

For further information, contact James X. Shorts, Assistant Liaison to the Deputy Chief of Public Relations for

the FCC at (202) 555-1212 or jim.shorts@fcc.gov. For more news and information about the FCC, please visit www.fcc.gov.

Dan, KB6NU, is the author of the "No-Nonsense" amateur radio study guides and a leading amateur radio blogger. You can find his study guides by going to his blog at www.kb6nu.com. You can contact Dan by e-mail at cwgeek@kb6nu.com, or, after you pass the test, by CW. Look for him at the bottom of just about any HF band.



VE Testing Colorado Spring (PPRAA)

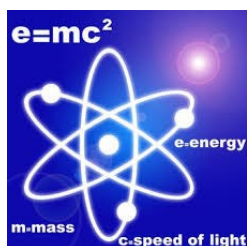
Pikes Peak Radio Amateur Association (PPRAA)
When:
Feb, Apr, Jun, Aug, Oct, Dec
2nd Saturday at 9 AM

Location:
Colorado Technical University (CTU)
4435 North Chestnut
Colorado Springs, CO 80907

Directions:
<http://ppraa.org/ve-testing>
or contact:
Dan Martin
VE@PPRAA.org



PPRAA will be holding a testing session during Megafest, starting 10:00AM July 26th.



VE Testing Woodland Park (MARC)

MOUNTAIN AMATEUR RADIO CLUB (MARC)
When:
Jan, Mar, May, Jul, Sep, Nov
1st Saturday at 10 AM
Location:
Woodland Park
Woodland Park Library-
Community Meeting RM
218 East Midland Avenue

Directions:
<http://www.nx0g.org/ve.html>
or contact
Wes Wilson (KØHBZ)
k0hbz@arrl.net
Call (719) 687-8758

“Anyone passing their Technician Class examination at a PPRAA test session will receive a free year’s membership to the Pikes Peak Radio Amateur Association”

Applicants will need the following items:

1. A valid PHOTO ID, driver's license preferred (if you do not have a valid photo ID, please call for alternative identification requirements).
2. Your FRN or SOCIAL SECURITY NUMBER (now required – this includes children).
3. Your CURRENT ORIGINAL amateur radio license (if any) and a PHOTOCOPY for the VE Team to keep.
4. The CURRENT ORIGINAL CSCEs you have and a PHOTOCOPY for the VE Team to keep.
5. Cash, Check or Money Order for \$15 (standard ARRL VE Fee). Checks and money orders should be made out to either PPRAA or MARC (site dependent). This covers all exams you wish to take at this VE session.

NOTE: PPRAA and MARC VE Team policy, as with many VE Teams, is to not allow same day retests on failed exams.

PPRAA – Colorado Springs testing only:

Anyone passing their Technician Class examination at a PPRAA test session will receive a free year’s membership to the Pikes Peak Radio Amateur Association

Scholarships for the academic year 2014

Please also consider making a donation to the PPRAA 2014-2015 Scholarship fund.

25 February 2014 For Immediate Release
THE FOUNDATION FOR AMATEUR RADIO, INC., a non-profit organization with headquarters in Washington, D.C., plans to administer Fifty-two (52) scholarships for the academic year 2013 – 2014, to assist licensed Radio Amateurs in the pursuit of higher education.. The scholarships are worth \$72,100 in aggregate. The Foundation fully funds two of these scholarships. The remainder are administered by the Foundation, without cost, for various donors.

Licensed Radio Amateurs may compete for these awards. They must be planning to pursue a full time course of studies beyond high school and be enrolled, or have been accepted for enrollment, at an accredited university, college or technical school. Students pursuing a baccalaureate or graduate degree via on-line courses offered by an accredited university, college

or technical school will also be considered.

The awards range from \$500 to \$5,000 with preference given, in some cases, to residents of specified geographical areas or the pursuit of certain study programs. Non-US residents are eligible to apply for some of the scholarships. To be considered, completed applications must be received by April 15, 2014. Clubs, especially those in California, Delaware, Florida, Maryland, Ohio, Pennsylvania, Texas, Virginia and Wisconsin (areas of preferred residence for some of the scholarships), are encouraged to announce these opportunities at their meetings, in their club newsletters, during training classes, on their nets and on their club's web pages. Additional information and an application form may be requested by letter or QSL card, mailed to:
FAR Scholarships
Post Office Box 911
Columbia, MD 21044-0911
or, via email
dave.prestel@gmail.com.
Applications are available, for

download from the Foundation's web site:
<http://www.farweb.org/2014-scholarship-information>.
A complete list of the scholarships to be awarded in 2014 may be downloaded from:
<https://drive.google.com/file/d/0BwGFyopxqmdKaDRQQIpaOHplTmM/edit?usp=sharing>

The Foundation for Amateur Radio, incorporated in the District of Columbia, is an exempt organization under Section 501(C)(3) of the Internal Revenue Code of 1954. It is devoted exclusively to promoting the interests of Amateur Radio and those scientific, literary and educational pursuits that advance the purposes of the Amateur Radio Service.

Michael E. Derbort, KCØELG
President PPRAA

president@ppraa.org

Get on the air!!!!

www.ppra.org <<http://www.ppra.org/>>



“Licensed Radio Amateurs may compete for these awards”

Megafest and COQP—Your help please!

The committees for the 2014 Megafest scheduled July 26 and the Colorado QSO Party (COQP) scheduled August 30th are working on getting the word out to other local clubs and organizations.

How can you help? Simply by attending amateur related activities, clubs, and organizations with the flyers we have for each event. Also, you

can check out a group of Megafest raffle tickets to be sold at these events.

Megafest information:

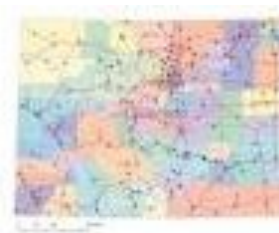
4/20—Vendor Early Bird ends
7/20—Advance pricing ends

Grand Prize: Elecraft KX-3
2nd Grand: ICOM ID-51A
Prize: kenwood TM-71A
Prize: RigExpert AA-54
Prize: Signal Link USB
Prize: Butternut HF9V antenna

The ICOM IS-51A and the Kenwood TM-71A include a RT Systems radio programming kit.

COQP information:

Time/Date UTC: 1200 30 Aug until 0400 UTC Aug 31.
Need station in as many CO counties.
Rules and other information can be found on PPRAA.org/coqp.



**PIKES PEAK RADIO
AMATEUR
ASSOCIATION**

Send membership application to:

Pikes Peak Radio Amateur
Association, Inc.
P.O. Box 16521
Colorado Springs, CO 80935

General Questions:
ppraa@ppraa.org

Ø-Beat:
zerobeat@ppraa.org



ppraa.org

Get Radio Active, Get On the Air

Membership Application:

Date: ____ / ____ / ____ **New Membership: Yes / No**

Name: _____

Address: _____

City/State/Zip: _____

Call: _____ **Class:** ____ **Phone # (____)** _____

Email: _____

Are you a ARRL member: Yes / No

Additional Family Members:

Name1: _____ **Call:** _____ **Class:** ____ **ARRL Member: Yes / No**

Name2: _____ **Call:** _____ **Class:** ____ **ARRL Member: Yes / No**

Name3: _____ **Call:** _____ **Class:** ____ **ARRL Member: Yes / No**

____ \$15.00 Full Member

____ \$10.00 Full Member over 65

____ \$18.00 Family Membership

____ \$12.00 Family Membership over 65

\$ ____ . ____ **Membership Amount**

\$ ____ . ____ **Scholarship Fund Donation**

\$ ____ . ____ **PPRAA General Fund Donation**

\$ ____ . ____ **Total**

PPRAA Scholarship Fund

The PPRAA strives to provide educational and recreational activities for its members intended to further their knowledge in the art of radio communications. The PPRAA encourages its members to participate in public service communications, civil defense, charitable fund drives and other activities for which amateur radio is particularly adapted. In this spirit of public service the PPRAA embarked over three years ago on creating a scholarship fund to promote undergraduate students to excel in the Engineering and Sciences. The fund will award one \$1,000 scholarship per year and be open to any student who is pursuing an undergraduate degree in either Engineering (Electrical, Civil, Mechanical, Chemical, Aeronautical,



PPRAA investing in the future

Astronautical) or the hard sciences (Physics, Chemistry, Computer Science) at any accredited university with an emphasis on Colorado

institutions. The scholarship program will be managed by the Foundation for Amateur Radio located in Washington, DC and with help from Amateur Radio enthusiasts such as you; it will be ready for the 2015 school year.

Anonymous donations may be made directly to the scholarship fund at:

FAR Scholarship Committee
P.O. Box 911
Columbia, MD 21044

Checks to: PPRAA Scholarship

Online, secure, donations can be made at:

ppraa.org/donations.

Consider adding a donation to your membership when you renew online.